

California Environmental Protection Agency  
Department of Toxic Substances Control (DTSC)

## **Registered Environmental Assessor (REA) Program**

# ***Environmental Acronyms/Abbreviations***



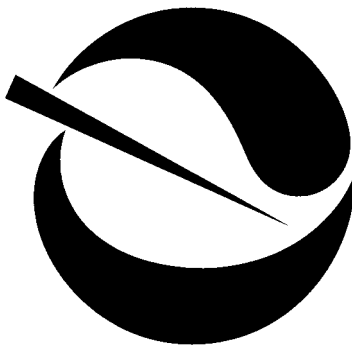
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# **Registered Environmental Assessor (REA) Program**

This list of Environmental Acronyms/Abbreviations is being provided by the Registered Environmental Assessor (REA) Program. An REA is an individual who, through academic training, occupational experience, and reputation, is qualified to objectively conduct one or more aspects of an environmental assessment. In order to be registered as an REA, legislatively mandated experience and education requirements must be met. In addition, REAs must demonstrate that they have substantial experience performing environmental assessments related to hazardous substances and/or hazardous waste management.

The REA Program was established by the Environmental Quality Assessment Act of 1986, Health and Safety Code sections 25570-25570.4. The purpose of the program is to provide a list of qualified environmental assessors for use by those seeking technical assistance with hazardous substances and/or hazardous waste management. You can learn more about the REA Program by visiting our website at [www.dtsc.ca.gov/rea/](http://www.dtsc.ca.gov/rea/) or by contacting our office directly at (916) 324-6881.



# California Environmental Protection Agency

## Registered Environmental Assessor (REA) Program

### *Environmental Acronyms/Abbreviations*

AA .....	Administering Agency
AAL's .....	Applied Action Levels
AAQS .....	Ambient Air Quality Standards
AB .....	Assembly Bill (California)
ACBM .....	Asbestos Containing Building Material
ACM .....	Asbestos Containing Material
ADI .....	Acceptable Daily Intake
ADR .....	Alternative Dispute Resolution
AG .....	Attorney General
AGST .....	Above Ground Storage Tank
AHERA .....	Asbestos Hazardous Emergency Response Act, 1986 (See TSCA)
AHM .....	Acutely Hazardous Materials
ALARA .....	As Low As Reasonably Achievable
ALJ .....	Administrative Law Judge
AO .....	Administrative Order
APA .....	Administrative Procedure Act, 5 USC Section 551 et seq.; Government Code Section 11340 et seq.
APCD .....	Air Pollution Control District (California)
APCO .....	Air Pollution Control Officer, Health and Safety (H&S) Code Section 40750 et seq. (California)
API .....	American Petroleum Institute
AQCR .....	Air Quality Control Region
AQI .....	Air Quality Index
AQMD .....	Air Quality Management District (California)
AQMP .....	Air Quality Management Plan
AQS .....	Air Quality Standard
AQWG .....	Air Quality Working Groups
ARAR .....	Applicable or Relevant and Appropriate Requirements (CERCLA)
ARP .....	Accidental Release Program (H&S Code Section 25331)
ARB .....	Air Resources Board (Cal/EPA)
ASPIS .....	Abandoned Site Program Information System
AST .....	Aboveground Storage Tanks
ASTM .....	American Society for Testing Materials
ATCM .....	Air Toxic Control Measure
ATSDR .....	Agency for Toxic Substances and Disease Registry

BACM.....	Best Available Control Measure
BACT.....	Best Available Control Technology
BAR.....	Bureau of Automotive Repair
BARCT .....	Best Available Retrofit Control Technology
BAT .....	Best Available Technology
BATEA .....	Best Available Technology Economically Achievable
BCT .....	Best Conventional Pollutant Control Technology
BMP .....	Best Management Practice
BNA.....	Bureau of National Affairs, Inc.
BOD .....	Biochemical or Biological Oxygen Demand
BPT .....	Best Practical Control Technology Currently Available (CCAA)
BRAC .....	Base Realignment and Closure Act of 1988/1990
BTEX.....	Benzene, Toluene, Ethyl benzene & Xylene
CAA.....	Clean Air Act, 42 USC Section 7401 et seq. (Federal); H&S Code Section 39000 et seq.
CAAQS.....	California Ambient Air Quality Standard
CalARP .....	California Accidental Release Program (Health and Safety Code Section 25531
Cal/EPA.....	California Environmental Protection Agency
Cal-OSHA .....	California Division of Occupational Safety and Health
CAMU.....	Corrective Action Management Units (RCRA)
CAO .....	Corrective Action Order (RCRA)
CAP .....	Capacity Assurance Plan (RCRA)
CAP.....	Corrective Action Plan
CAPCOA .....	California Air Pollution Control Officers Association
CalTrans.....	California Department of Transportation
CBI .....	Confidential Business Information
CCAA .....	California Clean Air Act, H&S Code Section 39000 et seq.
CCR .....	California Code of Regulations
CD.....	Cadium
CEG .....	Certified Engineering Geologist
CEM .....	Continuous Emission Monitoring
CEQA.....	California Environmental Quality Act, Public Resources Code Section 21000 et seq.; Title 14 CCR Section 15000 et seq.
CERCLA.....	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Federal Superfund), 42 USC Section 9601 et seq., 40 CFR; California Superfund H&S Code Section 25300 et seq., see HAS
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CE-SQG .....	Conditionally Exempt Small Quantity Generators
CFCs .....	Chlorofluorocarbons

CFR.....	Code of Federal Regulations
CGL.....	Comprehensive General Liability Insurance
CHP.....	Certified Health Professional
CIH.....	Certified Industrial Hygienist
CIWMB.....	California Integrated Waste Management Board
CLEAN .....	Cleanup Loans and Environmental Assistance to Neighborhoods Program
CLPPP .....	Childhood Lead Poisoning Prevention Program
CNG .....	Compressed Natural Gas
CO.....	Carbon Monoxide
COD .....	Chemical Oxygen Demand
COH .....	Coefficient of Haze
CR .....	Chromium
CRWQCB.....	California Regional Water Quality Control Board
CSP.....	Certified Safety Professional
CSWMP .....	County Solid Waste Management Plan (California)
CTG.....	Control Techniques Guidelines
CU.....	Copper (Cuprum)
CUPA .....	Certified Unified Program Agency (H&S Code Section 25404)
CWA.....	Clean Water Act or FWPCA, 33 USC Section 1251 et seq.; CA Water Code Section 13200 et seq. (Porter- Cologne Act)
DOAS .....	Differential Optical Absorption Spectroscopy
DCO .....	Document Control Officer
4,4-DDE .....	Dichlorodiphenyltrichloroethylene
4,4-DDT.....	Dichlorodiphenyltrichloroethane
DFA.....	Department of Food and Agriculture
DHS, DOHS .....	Department of Health Services
DNAPL .....	Dense Non-Aqueous Phase Liquid
DO.....	Dissolved Oxygen
DOD .....	Department of Defense (Federal)
DOE .....	Department of Energy (Federal)
DOJ.....	Department of Justice (California or Federal)
DOI.....	Department of the Interior (Federal)
DOT.....	Department of Transportation (Federal)
DPR .....	Department of Pesticide Regulation (Cal/EPA)
DQO.....	Data Quality Objectives
DRE.....	Destruction/Removal Efficiency
DTSC .....	Department of Toxic Substances Control (Cal/EPA)
ECRA .....	Environmental Cleanup Responsibility Act (New Jersey)
EER.....	Excess Emission Reports
EGR .....	Exhaust Gas Recirculation
EHS.....	Extremely Hazardous Substances
EIL.....	Environmental Impairment Liability Insurance
EIR .....	Environmental Impact Report (CEQA)

EIS .....	Environmental Impact Statement (NEPA)
EPA .....	Environmental Protection Agency
EPA # .....	Generator # for RCRA Manifesting (Federal)
EPCRA.....	Emergency Planning and Community Right-to-Know Act of 1986, also known as SARA Title III or EPCRTKA, 42 USC Section 11001 et seq., 40 CFR Part 372
EPDC .....	Expected Peak Day Concentration
EP TOX.....	Extraction Procedure Toxicity Test (RCRA)
ERA.....	Environmental Risk Assessment (for EIL)
ERAP .....	Expedited Remedial Action Plan
ERC.....	Emissions Reduction Credit
ERRIS .....	Emergency and Remedial Response Inventory System
ESA .....	Endangered Species Act, 15 USC Section 1531 et seq.
ESA .....	Environmental Site Assessment
ESH.....	Environmental Safety and Health
ESP .....	Electrostatic Precipitators
FCAA.....	Federal Clean Air Act
FDA .....	Food and Drug Administration (Federal)
FEMA .....	Federal Emergency Management Agency
FFV .....	Flexible Fuel Vehicle
FIFRA.....	Federal Insecticide, Fungicide, and Rodenticide Act, 7 USC Section 136 et seq.
FIP.....	Final Implementation Plan
FOIA.....	Freedom of Information Act (Federal)
FONSI .....	Findings of No Significant Impact (NEPA)
FR .....	Federal Register
FS.....	Feasibility Study (CERCLA)
FTIR .....	Fourier Transform Infrared
FTU .....	Fixed Treatment Unit
FWPCA .....	Federal Water Pollution Control Act, (CWA) 33 USC Section 12251 et seq.
GACT .....	Generally Available Control Technology
GAO .....	General Accounting Office (Federal)
GC.....	Gas Chromatography
GC/MS .....	Gas Chromatography/Mass Spectrometry
GLC.....	Ground Level Concentration
GW .....	Ground Water
GWPS .....	Ground Water Protection Standard
HAPs.....	Hazardous Air Pollutants
HAZOP .....	Hazard and Operability Study
HCFCs .....	Hydrochlorofluorocarbons
HCS.....	Hazard Communication Standard (OSHA)
HH&E .....	Human Health and the Environment
HHW.....	Household Hazardous Waste
HMIS .....	Hazardous Materials Inventory Statement

HMBP .....	Hazardous Materials Business Plans, H&S Code Section 22504
HMTA .....	Hazardous Materials Transportation Act, 49 USC Section 1801 et seq.; 49 CFR
HMTC .....	Hazardous Materials Technical Center (DOT)
HMX .....	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine
HOC .....	Halogenated Organic Compounds
HPLC.....	High Performance Liquid Chromatography
HR .....	House Report (Federal bill originated in the House of Representatives)
HRA.....	Health Risk Assessment
HRS.....	Hazard Ranking System
HS .....	Hazardous Substance
HSA.....	Hazardous Substance Account of the California Superfund, H&S Code Section 25300 et seq.
HSCAP .....	Hazardous Substance Cleanup Arbitration Panel, H&S Code Section 25356.1 et seq.
HSP.....	Health and Safety Plan
HSWA .....	Hazardous and Solid Waste Amendments (to RCRA)
HW .....	Hazardous Waste
HWCL.....	Hazardous Waste Control Law (Californian RCRA's counterpart H&S Code Section 25100 et seq.)
HWIS.....	Hazardous Waste Information System (DTSC)
HWMU.....	Hazardous Waste Management Units (RCRA)
HWTC .....	Hazardous Waste Treatment Council
IAQ .....	Indoor Air Quality
IDLH.....	Immediately Dangerous to Life or Health (OSHA)
IMS.....	Ion Mobility Spectrometry
INUR .....	Inventory Update Rule
IPCC.....	Intergovernmental Panel on Climate Control
IR.....	Incremental Reactivity
IS.....	Interim Status (for a TSDF)
ISD .....	Interim Status Document
ISO .....	International Organization for Standardization
ISO 14000 .....	International Environmental Management System Standard
IWMB .....	California Integrated Waste Management Board (Cal/EPA)
LAER.....	Lowest Achievable Emission Rate
LD50.....	Lethal Dose Level 50%
LDR .....	Land Disposal Restrictions (RCRA)
LEA .....	Local Enforcement Agency
LEL.....	Lower Explosive Limit
LLRWPA .....	Low Level Radioactive Waste Policy Act, 42 USC Section 2021(b)
LNAPL.....	Light Non-Aqueous Phase Liquid

LOIS .....	Loss of Interim Status (for TSDF)
LUFT .....	Leaking Underground Fuel Tank
LUST .....	Leaking Underground Storage Tank
MACT .....	Maximum Available Control Technology
MCL.....	Maximum Concentration Limits or Maximum Contaminant Levels (SDWA)
MCLGs .....	Maximum Contaminant Level Goals (SDWA)
MEK .....	Methyl Ethyl Ketone (2-butanone) – VOC
MIR.....	Maximum Incremental Reactivity
MOU .....	Memorandum of Understanding
MPRSA .....	Marine Protection, Research and Sanctuaries Act. 16 USC Section 1431 et seq.
MRF .....	Material Recovery Facility
MS.....	Mass Spectrometry
MSDS.....	Material Safety Data Sheets, 29 CFR Section 1910.1200©; Labor Code Section 6374
NEPA .....	National Environmental Policy Act, 42 USC Section 4321
NESHAPs.....	National Emission Standards for Hazardous Air Pollutants (CAA)
NFA.....	No Further Action
NIMBY .....	“Not In My Backyard” Syndrome
NIOSH.....	National Institute for Occupational Safety & Health
NMHC .....	Non-Methane Hydrocarbon
NMOG .....	Non-Methane Organic Gas
NOAEL.....	No-Observed-Adverse-Effect-Level
NOEL .....	No-Observed-Effect-Level
NOC .....	Notice of Commencement
NOV .....	Notice of Violation
NOX .....	Oxides of Nitrogen, H&S Code Section 43101.5, 43610- 43612, 43654
NPDES.....	National Pollutant Discharge Elimination System (CWA)
NPL .....	National Priority List (CERCLA)
NRC .....	National Response Center (Federal)
NRC .....	Nuclear Regulatory Commission (Federal)
NSPS .....	New Source Performance Standards (CSA and CAA)
NSR.....	New Source Review (California CAA)
NTIS .....	National Technical Information Service
NTP.....	National Toxicology Project
NWPA .....	Nuclear Waste Policy Act, 42 USC Section 10101 et seq.
OAH .....	Office of Administrative Hearings (California)
OAL.....	Office of Administrative Law (California)
OECM .....	Office of Enforcement and Compliance Monitoring (US EPA)
OEHHA .....	Office of Environmental Health Hazard Assessment
OES.....	Office of Emergency Services (California)



O&M .....	Operation and Maintenance
OMB .....	Office of Management and Budget (Federal)
ONWI .....	Office of Nuclear Waste Isolation (Federal)
OPA .....	Oil Pollution Act of 1990 (Federal), 33 U.S.C. 2702-2761
ORM .....	Other Regulated Material (DOT terminology)
ORP .....	Office of Radiation Programs (OAR)
OSA .....	Office of the State Architect (California)
OSHA .....	Occupational Safety and Health Administration (Federal)
OSWER .....	Office of Solid Waste and Emergency Response (US EPA)
OTA .....	Office of Technology Assessment (US Congress)
OU .....	Operable Unit
PAH .....	Polynuclear Aromatic Hydrocarbon
Part A .....	The overview portion of a TSDF HW permit application, under RCRA
Part B .....	The detailed portion of a TSDF HW permit application, under RCRA
PA .....	Participating Agency
PA/SI .....	Preliminary Assessment/Site Investigation
PBR .....	Permit by Rule
PCA .....	Property Clearance Assessment
PCB .....	Polychlorinated biphenyl
PCDF .....	Polychlorinated Dibenzofurans
PCE .....	Perchloroethylene
PCP .....	Pentachlorophenol
PE .....	Polyethylene
PE .....	Professional Engineer
PEA .....	Preliminary Endangerment Assessment
PEL .....	Permissible Exposure Limits (OSHA)
PETN .....	Pentaerythritol Tetranitrate
PH .....	Petroleum Hydrocarbons
PHG's .....	Public Health Goals
PL .....	Public Law (Federal)
PM .....	Particulate Matter
PMN .....	Premanufacture Notice
PM2.5 .....	Particulate Matter less than 2.5 microns in diameter
PM10 .....	Particulate Matter less than 10 microns in diameter
POTW .....	Publicly-Owned Treatment Works
ppb .....	Parts per billion
ppm .....	Parts per million
PRG's .....	Preliminary Remediation Goals
PRP .....	Potentially Responsible Party (Superfund)
PSA .....	Preliminary Site Assessment
PSD .....	Prevention of Significant Deterioration (CAA)
PSI .....	Pollutant Standards Index (Air)
PSM .....	Process Safety Management

PSMP .....	Private Site Management Program (DTSC)
P65.....	Proposition 65 (H&S Code section 25249.5)
QAPP .....	Quality Assurance Project Plan
QA/QC.....	Quality Assurance/Quality Control
RA .....	Remedial Action
RA .....	Removal Action
RA .....	Risk Assessment
RACM.....	Reasonably Available Control Measures
RACT .....	Reasonably Available Control Technology
RARCT.....	Reasonably Available Retrofit Control Technology
RAGS .....	Risk Assessment Guidelines for Superfund
RAO .....	Remedial Action Objective
RAP .....	Remedial Action Plan (Superfund)
RAW .....	Removal Action Workplan
RbCA.....	Risk Based Corrective Action
RCRA .....	Resource Conservation and Recovery Act (Federal), 42 USC Section 6901, 40 CFR
R&D.....	Research and Development
RD/RA.....	Remedial Design/Remedial Action
RDX.....	Hexahydro-1,3,5-Trinitro-1,3,5,7-Tetrazocine
REA.....	Registered Environmental Assessor (California Department of Toxic Substances Control)
REHS .....	Registered Environmental Health Specialist (California Department of Health Services)
REL .....	Reference Exposure Level
RFA .....	RCRA Facilities Assessment
RFC.....	Reference Exposure Concentration
RFD.....	Reference Dose
RG.....	Registered Geologist
RI/FS .....	Remedial Investigation/Feasibility Study
RMP .....	Risk Management and Prevention Plan, H&S Code Section 25531
ROD .....	Record of Decision (CERCLA)
ROB .....	Reactive Organic Gas
RP .....	Responsible Party (CERCLA), 42 USC Section 9607(a)
RQ.....	Reportable Quantity (under DOT CERCLA and SARA Title III)
RQG .....	Reduced Quantity Generator (100-1000 kg/mo)
RTK.....	Right-to-Know
RVP .....	Reid Vapor Pressure
RWQCB .....	Regional Water Quality Control Board (California)
SACM.....	Superfund Accelerated Cleanup Model
SAP .....	Sampling and Analysis Plan
SARA .....	Superfund Amendments and Reauthorization Act of 1986 (CERCLA)

SARA Title III.....	Emergency Preparedness and Community Right-to-Know Section of SARA, aka EPCRTKA
SB .....	Senate Bill (California)
SCAQMD .....	South Coast Air Quality Management District (California)
SCM .....	Suggested Control Measure
SDWA .....	Safe Drinking Water Act (Federal), 42 USC Section 300 et seq.
SEC.....	Securities Exchange Commission
SIC .....	Standard Industrial Classification
SIP .....	State Implementation Plan (CAA)
SITE .....	Superfund Innovative Technology Evaluation
SNUR .....	Significant New Use Rule (TSCA)
SOP.....	Standard Operating Procedures
SOX.....	Oxides of Sulfur, H&S Code section 41514.5
SOW.....	Statement of Work
SPCC .....	Spill, Prevention, Containment and Countermeasures
SQG .....	Small Quantity Generator (less than 100 kg/mo)
SR .....	Senate Report (Federal bill originated in Senate)
SRP.....	Scientific Review Panel (California)
SSE .....	Stationary Source Enforcement
STEL .....	Short Term Exposure Limit
STP .....	Standard Temperature and Pressure
SUD.....	Safe Use Determination
SVE .....	Soil Vapor Extraction
SWA.....	Solid Waste Act (aka RCRA)
SWAT .....	Solid Waste Assessment Test
SWIS .....	Solid Waste Information System
SWMP .....	Stormwater Monitoring Program
SWMU.....	Solid Waste Management Unit
SWPPP .....	Stormwater Pollution Prevention Program
SWRCB.....	State Water Resources Control Board (Cal/EPA)
TAC .....	Toxic Air Contaminant, 42 USC Section 7412; H&S Code Section
T-BACT .....	Toxic Best Available Control Technology
TCA111 .....	1,1,1,-Trichloroethane – VOC
TCDD .....	Tetrachlorobenzo-p-dioxin
TCLP .....	Toxicity Characteristic Leaching Procedure (RCRA)
TCE.....	Trichloroethylene
TCM .....	Transportation Control Measure
TDS.....	Total Dissolved Solids
TISE .....	“Take It Somewhere Else” Syndrome
Title III .....	(of SARA) Community Right-to-Know and Emergency Response Provisions (aka EPCRTKA)
Title V .....	Of the Clean Air Act, Ambient Air Quality Provisions
TLV.....	Threshold Limit Value
TME.....	Test Marketing Exemption

TNT .....	2,4,6-Trinitrotoluene
TOC.....	Total Organic Carbon
TOG .....	Total Organic Gases
TPCA.....	Toxic Pits Cleanup Act, H&S Code Section 25208 et seq.
TPH.....	Total Petroleum Hydrocarbons
TPQ.....	Threshold Planning Quantity (SARA Title III)
TRI .....	Toxic Release Inventory
TSCA.....	Toxic Substance Control Act (Federal), 15 USC Section 2601 et seq.
TSD .....	Treater, Storer, Disposer, H&S Code section 25123.3
TSDF.....	Treatment, Storage, Disposal Facility (hazardous waste)
TSP .....	Total Suspended Particulate
TSS .....	Total Suspended Solids
TTO.....	Total Toxic Organics
TTU.....	Transportable Treatment Unit
TWA .....	Time Weighted Average
UBC.....	Uniform Building Code
UEL .....	Upper Explosive Limit
UFC.....	Uniform Fire Code
UGST .....	Underground Storage Tank
UGT.....	Underground Tank
UIC .....	Underground Injection Control, H&S Code section 25159.10, SDWA, RCRA
UM.....	Uniform Manifest
USC.....	United States Code
USDW .....	Underground Source of Drinking Water (SDWA)
US EPA.....	United States Environmental Protection Agency
UST .....	Underground Storage Tank
VEO.....	Visible Emissions Observation
VES .....	Vapor/Vacuum Extraction System
VHAP .....	Volatile Hazardous Air Pollutant
VOC .....	Volatile Organic Compound, H&S Code section 25123.6
VRP.....	Visibility Reducing Particles
WDR.....	Waste Discharge Requirements
WQA.....	Water Quality Act of 1987 (Federal, FWPCA)
WWTP.....	Wastewater Treatment Plan
Z List .....	OSHA list of hazardous chemicals (29 CFR 1910 Subpart Z, Worker Right-To-Know)

## **Glossary of Common Names of California Environmental Laws**

AB 1807 .....	Tanner Process for Identifying and Controlling Air Toxics, H&S Code Section 39650 et seq., Agricultural Code Section 14021 et seq.
AB 2185 .....	Hazardous Materials Release Response Plans and Inventory, 2189 H&S Code Section 25500 et seq.
AB 2588 .....	Air Toxics "Hot Spots" Information and Assessment Act, H&S Code Section 44300 et seq.
AB 2595 .....	California Clean Air Act, H&S Code Section 39000 et seq.
AB 3777 .....	Risk Management and Prevention Plans for Acutely Hazardous Materials, H&S Code Section 25531 et seq.
SB 14 .....	Hazardous Waste Source Reduction and Management Review Act, H&S Code Section 25244.12 et seq.
Porter-Cologne .....	Water Code Section 13200 et seq. Water Act
Proposition 65 .....	Safe Drinking Water and Toxic Enforcement Act, H&S Code Section 25249.5 et seq.

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